



UNIVERSITÀ DEGLI STUDI
DI PERUGIA

Draft Minutes
Haly.ID
Meeting 4 June 2021

PARTNER	Unit Coordinator Member
UNIPG	Prof. Cristina M. Pinotti
Tyndall-UCC	Dr. Dimitrios Zorbas Dr. Brendan O'Flynn
UNIMORE	Prof. Lara Maistrello, Prof. Alessandro Ulrici,
TUBS	Prof. Lars Wolf
UOWM	--
UPB	--
IMEC	Dr. Peter Hoffmans

On the 4^h of June 2021 at 2:00 PM, the General Board of Halyid, listed above, met online on the video call link: <https://meet.google.com/anu-ftok-vdh>.

In addition to the members listed above, also the following collaborators were present. For Unipg: Prof. Alfredo Navarra, Dr. Betti Sorbelli, Dr. Giulio Rigoni, Dr. Lorenzo Palazzetti. For Tyndall, Dr. Marius Wilk. For Unimore: Dr. Rosalba Calvini. For TUBS: Prof. Dr. Rüdiger Kapitza, Dr. Yannic Schröder, Dr. Kai Bleeke. For UOWM, Dr. Vasileios Moysiadis, Dr. Anna Triantafyllou. The unit coordinator member Prof. Sarigiannidis Panagiotis was absent. For UPB: Dr. Florin Stoican. For Imec, Dr. Lei Zhang

The coordinator gives communications on:



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- 1) Project acknowledgement,
- 2) Ways of entering in Italy in this summer 2021 under the Covid 19, and present the current version of the Data Management Plan (DMP), elaborated with TUBS (Prof. Wolf). The current version of the DMP is stored in NextCloud under the directory WP4. In future a data manager for each partner will be designated. The partners are invited to read the document and to present their amendments in the next general boards.

Then the partners present their activities. Each partner will leave its presentation titled 2021-06-04_*** on its own folder under NextCloud. UPB presents the available drones and present some possible different ways to scan the orchard. UPB desires to visit soon Italy or Greece due to the lack of Hhs in Romania. Also in Italy the population of Hh is currently less populous than the other years likely due to the frost that hit the orchards in the first week of April 2021.

UNIPG has completed the hardware selection and bought the Matrix 300 RTK with Zenmuse H20. However, the drone is not yet operative due to troubles with the third party liability and the ground theft insurances.

TNI and TUBS collaborate for the design of the IoT architecture. TNI has selected the hardware for taking images of insects trapped in the glue.

TUBS also started to work at the log book with UNIPG.

UOWM presents its activity of machine learning. They present the tools to analyse the image of the insect.

IMEC and UNIMORE present preliminary results on inspecting images with infrared cameras.

The presentations of all partners are available in Nextcloud following for each partner the path

HALY.ID/*partner*/documents/presentations/year-month-day*.pdf

For example, the presentation of TUBS is

HALY.ID/TUBS/documents/presentations/2021-04-16_*.pdf



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The partners fix in agenda two meetings on:

- 1) Machine Learning Meeting on 25th of June at 2:00 PM,
- 2) General Board Meeting on 23th of July at 2:00 PM to evaluate the possibility of scheduling visits on the case study orchard near Modena.

The meeting is closed at 17:00 PM.

Cristina M. Pinotti

